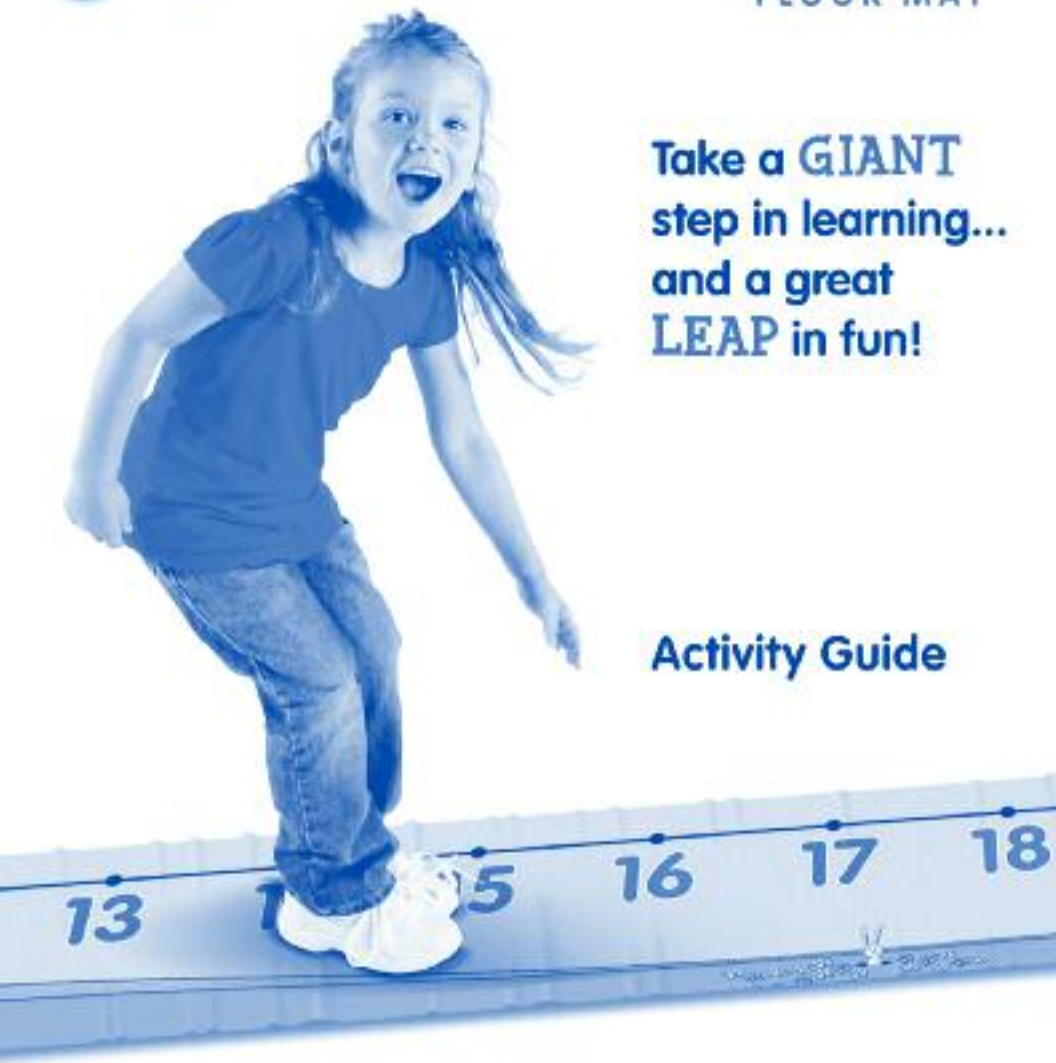
LEARNING RESOURCES®

LER 0935

Ages 5+ | Grades K+

# 0-30 Number Line

## FLOOR MAT




Take a GIANT step in learning... and a great LEAP in fun!

Activity Guide

**Caution:**
**Shoes recommended—mat may be slippery when used without shoes.**
**Mat may become slippery when wet.**

# 0-30 Number Line

FLOOR MAT

The 0–30 Jumbo Number Line Floor Mat is a great tool to get students out of their chairs and into math! Demonstrate key number concepts with the whole class, in math centers, or in small group activities. Combine the mat with any math curriculum activity sheets involving number lines (up to 30) to make paper-and-pencil assessments come alive!

## Suggested Activities

### Number Sequence

To practice number recognition and sequencing in both ascending and descending order, have students count the numbers as they walk forward and backward along the line.

### Greater Than and Less Than

Roll dice or spin a simple number spinner. Then, ask students to identify a number that is "greater than" or "less than" that number. Use the number line to reinforce direction (right and left) as it relates to number quantity (greater than or less than).

For a challenge, ask students to identify numbers related to a specific criteria, such as "two more than" or "seven less than" a given number. Use the number line to show how the student can walk the line and count aloud to find the solution.

Create a simple chart that tracks student performance. Use the data to complement traditional paper-and-pencil assessment and show performance over time.

### Skip Counting

Have students skip count along the line by 2s, 3s, 5s, and odd or even numbers. Challenge students to step only on the numbers that match the established criteria. Use the color-coding of the numbers on the mat to reinforce odd and even numbers.

### Addition & Subtraction

Model simple two- and three-addend problems on the number line. Mark numbers with bean bags or have multiple students stand on the line. Practice modeling fact families and invite students to

represent addition and subtraction operations. Challenge students to show their understanding of addition and subtraction by using formal number sentences (1 + 2 = 3), tallies, pictures, or number lines drawn on paper.

**Story Problems**
Use the number line to help students understand basic story problems involving key math language (in all, how many left, total, altogether, more than, less than, etc.).

Example:
Josie read 4 books.
Lucas read 3 books.
How many books did they read in all?

Have a student stand on the number *4* to represent 4 books. Then, discuss ways to solve the problem using the number line (the student steps 3 places to the right for a sum of *7*).

## Intervention Strategies

**Simple Addition:** *Counting on* is a basic way to add a small quantity to a large quantity. For example, to solve *4 + 3,* a student can count on three: *5, 6, 7.* Have students count on (or back for subtraction) as they step on the line.

**Computation:** Encourage students to draw their own number lines when working out traditional paper-and-pencil number problems. This helps students visualize problems and clarifies their understanding of both the problem and solution.

**Vocabulary:** Correct misinterpretations of operational phrases such as "How many left?" to prevent students from confusing them with directional meanings.

**Number Sense:** Ensure that students are viewing the number line from left to right to prevent confusion during problem-solving activities.

**Measurement:** Use number lines to introduce linear measurement, rulers, and standard units.

Look for these other great products from Learning Resources®:

LER 0383 Math Marks the Spot™ Floor Game
LER 1100 Hip Hoppin' Hundred Mat™ Floor Game

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